1600

RAW SEQUENCE LISTING   DATE: 06/03/2003
PATENT APPLICATION: US/09/954,531B   TIME: 13:10:46

Input Set : E:\Avalon-77.txt
Output Set: N:\CRF4\06032003\I954531B.raw

```
 4 <110> APPLICANT: Weaver, Zoe
 6 <120> TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using
 7       Cancer Gene Sets
 9 <130> FILE REFERENCE: 689290-77
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/954,531B
C--> 11 <141> CURRENT FILING DATE: 2001-09-18
11 <150> PRIOR APPLICATION NUMBER: US/60/233,133
12 <151> PRIOR FILING DATE: 2000-09-18
14 <150> PRIOR APPLICATION NUMBER: US/60/234,009
15 <151> PRIOR FILING DATE: 2000-09-20
17 <150> PRIOR APPLICATION NUMBER: US/60/234,034
18 <151> PRIOR FILING DATE: 2000-09-20
20 <150> PRIOR APPLICATION NUMBER: US/60/234,509
21 <151> PRIOR FILING DATE: 2000-09-22
23 <150> PRIOR APPLICATION NUMBER: US/60/234,567
24 <151> PRIOR FILING DATE: 2000-09-22
26 <160> NUMBER OF SEQ ID NOS: 1392
28 <170> SOFTWARE: PatentIn version 3.0
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 326
32 <212> TYPE: DNA
33 <213> ORGANISM: Homo sapiens
35 <400> SEQUENCE: 1
36 gcgcacccgg ttcagctcgc ctttcttggc cagagggccc ggttggactc acgggcgggg    60
38 catgatggtg gtgggtacgg gcacctcgct ggcgctctcc tccctcctgt ccctgctgct   120
40 ctttgctggg atgcagatgt acagccgtca gctggcctcc accgagtggc tcaccatcca   180
42 gggcggcctg cttggttcgg gtctcttcgt gttctcgctc actgccttca ataatctgga   240
44 gaatcttgtc tttggcaaag gattccaagc aaagatcttc cctgagattc tcctgtgcct   300
46 cctgttggct ctctttgcat ctggcc                                        326
49 <210> SEQ ID NO: 2
51 <211> LENGTH: 335
53 <212> TYPE: DNA
55 <213> ORGANISM: Homo sapiens
59 <400> SEQUENCE: 2
60 acagaaaata tagccatgat tgaaatcaaa tagtaaaggc tgttctggct ttttatcttc    60
62 ttagctcatc ttaaataagt agtacacttt ggatgcagtt cgttctgaag tgctaatcag   120
64 ttgtaacaat agcacaaatc gaacttagga tttgtttctt ctcttctgtg tttcgatttt   180
66 tgatcaattc tttaattttg taagcctata atacagtttc tattctttga gataaaaatt   240
68 aaatgatcac tgatatttta gtcattcttg cttctcatct aaatatttcc atattctgta   300
70 ttaggagaaa attaccctcc cagcaccagt cttcc                              335
73 <210> SEQ ID NO: 3
75 <211> LENGTH: 235
77 <212> TYPE: DNA
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ENTERED

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79  <213> ORGANISM: Homo sapiens
83  <400> SEQUENCE: 3
84  cccagtgcat tcgcatgcgt ggacgctgtg tggagagtcc aggatgacgg gatcccgcac      60
86  aagctccctt cagtccttca gggctgggca tgtggttgat ttttctaaag ctggagaaag     120
88  gaagaattgt gccttgcata ttacttgagc ttaaactgac aacctggatg taaataggag     180
90  cctttctact ggtttatttta ataaagttct atgtgatttt ttaaaaaga aaaaa          235
93  <210> SEQ ID NO: 4
95  <211> LENGTH: 308
97  <212> TYPE: DNA
99  <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 4
104 accagttgga cattgttttt ttctggttat cctgtcctgc cttactatga gatttacgga      60
106 tgtttgggga cacaggtctc tgggctcatt tcttttttctg aggattcata taattgccta     120
108 gtttttggct tagaggttgg tccttccctg gtttaatgat gcttttgttc agactgtcct     180
110 ctaggacttg aatttgaagc agaaacagaa cagcacctga tcctcagtta tactgcaaag     240
112 cagggcctca gaaagggtaa ctccaattac tgactttcac ctaaggtgaa aaagcatccg     300
114 gcttcttt                                                               308
117 <210> SEQ ID NO: 5
119 <211> LENGTH: 486
121 <212> TYPE: DNA
123 <213> ORGANISM: Homo sapiens
127 <400> SEQUENCE: 5
128 tttttttttt gctgtaggca ccattctgca tcttgaaccc agactgaagt gtgcctctca      60
130 cagatggaag gtgcacacgc tcctgtctcc tcctcactct gccacgttca cttggctttt     120
132 tcattggtac ctaggaattt aagaatatcg aagcgagaca cgtaacaaac catagatgag     180
134 cagactccca caccgggttt tcttgcccgt ctttaaggca ctgtttctaa attttgaact     240
136 tagctctgaa tccccaagaa cttgagcaca gcaagggttg ctgagctgct gtcgccgcag     300
138 ccctggcccc tggtgctgga gctgcagcac ctttgggaga ggtcctgcgt cgtcctcagc     360
140 tgcgtcgctg tgaactcccg ctctccactg tgttcctcag tgtctgcttt tcaggaagtc     420
142 tgctgtgacc tttgcccaac ttctgagctc ctcagggact aggaacaatt tcagtagctt     480
144 tgccct                                                                 486
147 <210> SEQ ID NO: 6
149 <211> LENGTH: 379
151 <212> TYPE: DNA
153 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 6
158 ggaggaggcc cctgtgagcc cactctggaa cccttcctgg aaccctccct actctgtccc      60
160 cctacagaca accaagcact aatcccctta gtaccaagaa aggggagcca ggatttagtc     120
162 ctggcccagc ccagagctgg gacctggagc acgatctgtt gacttccctg ggtaggacac     180
164 tgccacctct gggctcaggt cctcatgcct ccaaatggca tctagagttt gagcagcctt     240
166 cttggctgag gcaggcctag cctgtggagc gggctagggc caggagcatt tggtgcccct     300
168 ccatgttgca atgcaaacac cttcaccact ggggcagtgg ggagagatgg ctatattaat     360
170 aaaataacgt gtgtctttc                                                   379
173 <210> SEQ ID NO: 7
175 <211> LENGTH: 456
177 <212> TYPE: DNA
179 <213> ORGANISM: Homo sapiens
183 <400> SEQUENCE: 7
184 catatataca tgcagtctgc ttgattatca gcaaaatggt cagcctttat cagatagttt      60
```

```
186 cttcatgtgg agttcatctg catgtggccc ttactctgaa gcctcttcct gatctggagc.  120
188 cacagtctgt ctgtcttcca gttcatctca gtcctcgaga aaggcccttt aaatatgtca   180
190 ctttcccatt ttcctttaac catgggttgt gtgagccaga aagagctttg agaaagatgg   240
192 ctgcttccac cagggtggag gcttctaggt ctgcatgatg atggggcccg tttctggcca   300
194 gagggtggct ctgggagcag ttgtgctgcg ggcttgctgg gggagaactc taactgttgc   360
196 agaaacagag cttcatggct tgcttaaatt acttagctgg aatattttaa agtgtcagat   420
198 aatgtgatgt acaaagagag tatgccgatg catttc                             456
201 <210> SEQ ID NO: 8
203 <211> LENGTH: 303
205 <212> TYPE: DNA
207 <213> ORGANISM: Homo sapiens
211 <220> FEATURE:
213 <221> NAME/KEY: misc_feature
215 <222> LOCATION: (1)...(303)
217 <223> OTHER INFORMATION: n=a,t,g or c
221 <400> SEQUENCE: 8
222 gatccagcgg cagtgacaga atccaaagag ggaacagagg catcagcatc gaaggggctg    60
224 gagaagaaag agaaatgatg cagctggtgc ccgagcctct cagggccaga ccagacagat   120
```
W--> `226 gggggctggg cccacacagg cgtgcaccgg gtagagngca caggtaggcc aagggnagc   180`
```
228 tcccaggaca gggcaagggg gcagcangga tacctgcnag ccagggnctc tntggcctnt   240
230 nttttcctan tccntttttt tggcccttct tttttntntg ccgtacancn tgcaggcaaa   300
232 agn                                                                303
235 <210> SEQ ID NO: 9
237 <211> LENGTH: 297
239 <212> TYPE: DNA
241 <213> ORGANISM: Homo sapiens
245 <220> FEATURE:
247 <221> NAME/KEY: misc_feature
249 <222> LOCATION: (1)...(297)
251 <223> OTHER INFORMATION: n=a,t,g or c
255 <400> SEQUENCE: 9
```
W--> `256 ctttttttca ggttaaatat ataattncaa gtgcttttaa tgaacttatt tttaattggc    60`
```
258 tagggagcaa aaaataagtn agtnctgctt ttagttagtt aaccttgttc ttttcttaaa   120
260 tagtacactg catggtattt aatattccag gaagcatggg atttnatttt gcttgatttg   180
262 ggcacatgaa ataatagctc taggaaaatg cgcatcttaa tgactctttg taaagagagg   240
264 catttcttac aactgtgatg tttgcttaca taaaagttac ctcataagtt aattcta      297
267 <210> SEQ ID NO: 10
269 <211> LENGTH: 363
271 <212> TYPE: DNA
273 <213> ORGANISM: Homo sapiens
277 <220> FEATURE:
279 <221> NAME/KEY: misc_feature
281 <222> LOCATION: (1)...(363)
283 <223> OTHER INFORMATION: n=a,t,g or c
287 <400> SEQUENCE: 10
288 attttctcca cctttgttta tatggtaaag gaatcctttt cagctgccag ttttgaataa    60
290 tgaatatcat attgtatcat caatgctgat attttaactg agttggtctt taggtttaag   120
```
W--> `292 atggataaat gaatatcact acttgttctg aaaacaggtt tgttgctttt natctcgctg   180`
```
294 cctagattga aatatttgc tatttcttct gcataagtga cagtgaacca attcatcatg   240
```

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```
296 agtaagctcc cttctgtcat tttcattgat ttaatttgtg tatcatcaat aaaattgtat    300
298 gttaatgctg gaaagaaaaa aagaagaaag aaagaaacca tccctgtcct tcagtttata    360
300 atc                                                                   363
303 <210> SEQ ID NO: 11
305 <211> LENGTH: 335
307 <212> TYPE: DNA
309 <213> ORGANISM: Homo sapiens
313 <220> FEATURE:
315 <221> NAME/KEY: misc_feature
317 <222> LOCATION: (1)...(335)
319 <223> OTHER INFORMATION: n=a,t,g or c
323 <400> SEQUENCE: 11
324 ctagaataaa ggggttgatt agtctgaaca gtactaatta actacaaaat aaacgttagt     60
```
W--> `326 gantcagcct cttcctctat aaacaatgac caattagacg tttccgtaat tccatgtatt    120`
```
328 atgtatagta cactctataa atgtaaatgt aatgcttgtc taaaaagtgc aatttattgt    180
330 acattgtccc aacaaatgtt tactttatta atcgttatga acttgaattg gattagtatc    240
332 ttgtttttat gtgtgaatga agccttgtga aataacaaat gcaactgaga aggtacaagg    300
334 tgactgtttt tgtgagccag tgatgttttc aatgc                               335
337 <210> SEQ ID NO: 12
339 <211> LENGTH: 1522
341 <212> TYPE: DNA
343 <213> ORGANISM: Homo sapiens
347 <400> SEQUENCE: 12
348 aaaagaggaa accaacccct aagatgagct ttccatgtaa atttgtagcc agcttccttc     60
350 tgattttcaa tgtttcttcc aaaggtgcag tctccaaaga gattacgaat gccttggaaa    120
352 cctggggtgc cttgggtcag gacatcaact tggacattcc tagttttcaa atgagtgatg    180
354 atattgacga tataaaatgg gaaaaaactt cagacaagaa aaagattgca caattcagaa    240
356 aagagaaaga gactttcaag gaaaaagata catataagct atttaaaaat ggaactctga    300
358 aaattaagca tctgaagacc gatgatcagg atatctataa ggtatcaata tatgatacaa    360
360 aaggaaaaaa tgtgttggaa aaaatatttg atttgaagat tcaagagagg gtctcaaaac    420
362 caaagatctc ctggacttgt atcaacacaa ccctgacctg tgaggtaatg aatggaactg    480
364 accccgaatt aaacctgtat caagatggga aacatctaaa actttctcag agggtcatca    540
366 cacacaagtg gaccaccagc ctgagtgcaa aattcaagtg cacagcaggg aacaaagtca    600
368 gcaaggaatc cagtgtcgag cctgtcagct gtccagagaa aggtctggac atctatctca    660
370 tcattggcat atgtggagga ggcagcctct tgatggtctt tgtggcactg ctcgttttct    720
372 atatcaccaa aaggaaaaaa cagaggagtc ggagaaatga tgaggagctg gagacaagag    780
374 cccacagagt agctactgaa gaaaggggcc ggaagcccca ccaaattcca gcttcaaccc    840
376 ctcagaatcc agcaacttcc caacatcctc ctccaccacc tggtcatcgt tcccaggcac    900
378 ctagtcatcg tcccccgcct cctggacacc gtgttcagca ccagcctcag aagaggcctc    960
380 ctgctccgtc gggcacacaa gttcaccagc agaaaggccc gcccctcccc agacctcgag   1020
383 ttcagccaaa acctcccatg gggcagcaga aaactcattg tccccttcct ctaattaaaa   1080
385 aagatagaaa ctgtcttttt caataaaaag cactgtggat ttctgccctc ctgatgtgca   1140
387 tatccgtact tccatgaggt gttttctgtg tgcagaacat tgtcacctcc tgaggctgtg   1200
389 ggccacagcc acctctgcat cttcgaactc agccatgtgg tcaacatctg gagtttttgg   1260
391 tctcctcaga gagctccatc acaccagtaa ggagaagcaa tataagtgtg attgcaagaa   1320
393 gtgtagagga ccgagccaga aatcttagag atttcttgtc ccctctcagg tcatgtgtag   1380
395 atgcgataaa tcaagtgatt ggtgtgcctg ggtctcacta caagcagcct atctgcttaa   1440
397 gagactctgg agtttcttat gtgccctggt ggacacttgc ccaccatcct gtgagtaaaa   1500
399 gtgaaataaa agctttgact ag                                            1522
```

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Input Set : **E:\Avalon-77.txt**
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```
402 <210> SEQ ID NO: 13
404 <211> LENGTH: 531
406 <212> TYPE: DNA
408 <213> ORGANISM: Homo sapiens
412 <220> FEATURE:
414 <221> NAME/KEY: misc_feature
416 <222> LOCATION: (1)...(531)
418 <223> OTHER INFORMATION: n=a,t,g or c
422 <400> SEQUENCE: 13
423 ttaaagattg gcaatgtatg tgagagtatg catatgtatg ggtgtgtgtg tgtgcgcgca      60
425 atcaaactgt ggtgtaaata gattctcagt gaattctggt attcagactc tattccacta     120
427 gtgaaagaac cattttttaa acttcccttg ccttttttat ttatttaatt ttcttggttt     180
429 ggagatgtca gtcccaaaca ccagagtctg tacttttcta taacacagct cagattaagg     240
431 tagggcatat gcaacggagg ttctcacctc cctaaagaag ggacttgaat tttagggact     300
433 ttaattcacc cctccttcaa tacaactttc ccccttcttg tttgcacatg ccaagataac     360
435 tgcttttatg caggctgtac ccccttgaaa aatcctttct acagtgctgg tcacaaaaga     420
```
W--> **437 gcccaagttc ggcctcctac ccggnattgc tgacttgaat tcanagtcgc cgagtctacc**   **480**
```
439 tagctttctt ggaagcagtc tcgcaaaatn tctatttgtn cgtcactaat g              531
442 <210> SEQ ID NO: 14
444 <211> LENGTH: 381
446 <212> TYPE: DNA
448 <213> ORGANISM: Homo sapiens
452 <400> SEQUENCE: 14
453 gatatttgaa tttagcaggt ggagtttcat agtaaaaaca gcttttgact cagctttgat      60
455 ttatcctcat ttgatttggc cagaaagtag gtaatatgca ttgattggct tctgattcca     120
457 attcagtata gcaaggtgct aggttttttc ctttccccac ctgtctctta gcctggggaa     180
459 ttaaatgaga agccttagaa tgggtggccc ttgtgacctg aaacacttcc cacataagct     240
461 acttaacaag attgtcatgg gagctgcaga ttccattgcc caccaaagac taggaacaca     300
463 cacatatcca tacaccaaag ggaaaggaca atttctggaa atgctgtttc ttctgggtgg     360
465 gttccctctt ctgggcttgc t                                              381
468 <210> SEQ ID NO: 15
470 <211> LENGTH: 2894
472 <212> TYPE: DNA
474 <213> ORGANISM: Homo sapiens
478 <220> FEATURE:
480 <221> NAME/KEY: misc_feature
482 <222> LOCATION: (1)...(2894)
484 <223> OTHER INFORMATION: n=a,t,g or c
488 <400> SEQUENCE: 15
489 gggcggacag gcacagaggg agggagcgag cgagcagtga gtaagccagc aagggcggtc      60
491 gggtcccgag gtcagccgag atttctcagg tccctccggc cccctccctg gagtccacag     120
493 cgcctccggt gtccagagga tcggacacgg cccggcccgg ccatggcctc gttgctgaag     180
495 gtggatcagg aagtgaagct caaggttgat tctttcaggg agcggatcac aagtaaggca     240
497 gaagacttgg tggcaaattt tttcccaaag aagttattag aacttgatag ttttctgaag     300
499 gaaccaatct taaacatcca tgacctaact cagatccact ctgacatgaa tctcccagtc     360
501 cctgacccca ttcttctcac caatagccat gatggactgg atggtcccac ttataagaag     420
503 cgaaggttgg atgagtgtga agaagccttc caaggaacca aggtgtttgt gatgcccaat     480
505 gggatgctga aaagcaacca gcagctggtg gacattattg agaaagtgaa acctgagatc     540
507 cggctgttga ttgagaaatg taacacgcct tcaggcaaag gtcctcatat atgtttttgac    600
```

```
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```

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:8; N Pos. 157,177,207,218,227,232,239,241,250,254,276,278,288,290,303
Seq#:9; N Pos. 27,80,84,165
Seq#:10; N Pos. 171
Seq#:11; N Pos. 63
Seq#:13; N Pos. 445,464,510,520
Seq#:15; N Pos. 2236,2238,2738
Seq#:21; N Pos. 112,114,169,172,179,192,223,224,254,274,398,421,442
Seq#:23; N Pos. 14
Seq#:25; N Pos. 592,608
Seq#:28; N Pos. 120
Seq#:30; N Pos. 387,403,461
Seq#:34; N Pos. 467,511,543,560,578
Seq#:35; N Pos. 136,239,241
Seq#:52; N Pos. 94
Seq#:54; N Pos. 54
Seq#:84; N Pos. 314
Seq#:85; N Pos. 4,9,10,297,308,313,378,396
Seq#:87; N Pos. 178,324,349,407
Seq#:94; N Pos. 35,99,112,251,384,389
Seq#:95; N Pos. 384
Seq#:112; N Pos. 12,42
Seq#:113; N Pos. 43,49,63,74,81,130,234,240,246,367
Seq#:114; N Pos. 39,86,102,138,142,144,252,268,339
Seq#:115; N Pos. 158,181,184
Seq#:116; N Pos. 118,120,233,244,245,249,251,422,431
Seq#:117; N Pos. 363
Seq#:118; N Pos. 84,201,282,288
Seq#:119; N Pos. 283,335
Seq#:120; N Pos. 6,9,143,164,169,192,200,207,219,230,252,272,297,308,315
Seq#:120; N Pos. 318,341,377
Seq#:122; N Pos. 207,255,275,346,363,381,399,404,420,426
Seq#:145; N Pos. 5022,5023
Seq#:180; N Pos. 44521,57769,57800
Seq#:181; N Pos. 3979,3994,3995,4022,4430,4431,4434,4435,4436,4452,4710
Seq#:181; N Pos. 4713,4720,4723,4730,5170,5171
Seq#:189; N Pos. 226
Seq#:190; N Pos. 51,162,528,567
Seq#:192; N Pos. 445,474
Seq#:193; N Pos. 27,80,84,165
Seq#:195; N Pos. 313,335,342,386,403
Seq#:196; N Pos. 30,73,113,118,119,146
Seq#:197; N Pos. 2,3,4,5,6,7,9,10,11,12,13,14,15,16,17,18,19,22,28,37,57
Seq#:197; N Pos. 409,419,432,467,542,559,564,565,566,567,568,569,570,571
Seq#:197; N Pos. 572,573,574,575,576,577,578,579,581,582,583,584,586,587
```

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```
Seq#:197; N Pos.  589,591,594,595,596,597,598,599,600,601,602,603,604,605
Seq#:197; N Pos.  606,607,608,609,610,611,612,613,614,615,616,617,618,619
Seq#:197; N Pos.  621,622,623,624,625,626,627,628,629,630,631,632,633,634
Seq#:197; N Pos.  635,636,637,638,639,640,641,642,643,644,645,646,647,648
Seq#:197; N Pos.  649,650,651,652,653,654,655,656,657,658,659,660,661,662
Seq#:197; N Pos.  663,664,665,666,667,668,669,670,671,672,673,674,675,676
Seq#:197; N Pos.  677,678,679,680,681,682,683,684,685,686,687,688,689,690
```

VERIFICATION SUMMARY   DATE: 06/03/2003
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```
L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:120
M:341 Repeated in SeqNo=8
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
M:341 Repeated in SeqNo=9
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:120
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:60
L:437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:420
M:341 Repeated in SeqNo=13
L:563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:2220
M:341 Repeated in SeqNo=15
L:881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:60
M:341 Repeated in SeqNo=21
L:943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:1023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:540
M:341 Repeated in SeqNo=25
L:1101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:60
L:1177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:360
M:341 Repeated in SeqNo=30
L:1297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:420
M:341 Repeated in SeqNo=34
L:1329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:120
M:341 Repeated in SeqNo=35
L:1775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:60
L:1823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0
L:2589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:300
L:2613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:0
M:341 Repeated in SeqNo=85
L:2679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:120
M:341 Repeated in SeqNo=87
L:2855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:0
M:341 Repeated in SeqNo=94
L:2903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:360
L:3339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112 after pos.:0
L:3373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:0
M:341 Repeated in SeqNo=113
L:3409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:0
M:341 Repeated in SeqNo=114
L:3447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:115 after pos.:120
M:341 Repeated in SeqNo=115
L:3475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:60
M:341 Repeated in SeqNo=116
L:3523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:360
L:3549 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:60
M:341 Repeated in SeqNo=118
L:3587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119 after pos.:240
M:341 Repeated in SeqNo=119
```

VERIFICATION SUMMARY   DATE: 06/03/2003
PATENT APPLICATION: **US/09/954,531B**   TIME: 13:10:47

Input Set : **E:\Avalon-77.txt**
Output Set: **N:\CRF4\06032003\I954531B.raw**

L:3613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120 after pos.:0
M:341 Repeated in SeqNo=120
L:3681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180
M:341 Repeated in SeqNo=122